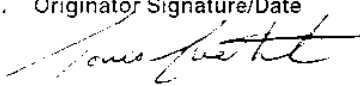
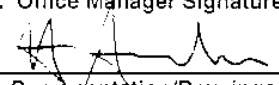
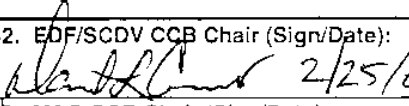


ECS Configuration Change Request

Page 1 of

Page(s)

1. Originator Lou Swentek	2. Log Date: 25 Feb 00	3. CCR #: 00.0205	4. Rev: —	5. Tel: x0437	6. Rm #: 3007	7. Dept. REDV
8. CCR Title: Build the required Perl 5.005_03 extensions						
9. Originator Signature/Date 		10. Class IN	11. Type: CCR	12. Need Date: 2/24/00		
13. Office Manager Signature/Date  2.24.00		14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted:		17. Schedule Impact:		18. CI(s) Affected: MCI		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) An upgrade of Perl to version 5.005_03 has recently been successfully tested in the functionality lab. Since the completion of this testing, two sets of perl extensions have been identified that will be used with code not currently in the baseline: Whazzup and the QA metadata update tool. Under the COTS software process, separate tests and PSRs will need to be made to these extensions in the future as these products are added to the system. By delivering the extensions now, we will avoid the need for additional future PSRs.						
24. Proposed Solution: (use additional sheets if necessary) Build the perl modules indicated on the additional sheet. These modules will be bundled with perl itself as part of the 5.005_03 upgrade process. Some of these tools require root permissions to build in the appropriate directories. Whazzup-related modules are required on Sun only. QA metadata update tool/Sybase-related modules are required on Sun, HP, and SGI. File is perlmods.tar with checksum 156717257						
25. Alternate Solution: (use additional sheets if necessary)						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Additional work will be required in the future to hold PSRs along with custom code deliveries as the new custom functionality is delivered.						
27. Justification for Emergency (If Block 15 is "Emergency"): It has been recently identified that the associated modules need to be installed. This needs to be done on an emergency basis to meet the scheduled PSR date of March 3.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To: RTSC		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):  2/25/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

CM01JA00

ORIGINAL

ECS/EDF/SCDV/M&O
02-25-00 09:47 0402

ADDITIONAL SHEET

CCR #: 00.0205 Rev: _ Originator: Lou Swentek

Telephone: x0437 Office: 3007

Title of Change: Build the required Perl 5.005_03 extensions

The following modules (listed along with their original source locations) need to be built for installation under /tools:

For Whazzup,

PNGgraph 1.11	ftp://ftp.mobile.ru/pub/DISTRIB/PNGgraph-1.11.tar.gz
GD 1.23	www.perl.com/CPAN-local/modules/by-module/GD/GD-1.23.tar.gz
gd 1.7.3	ftp://ftp.boutell.com/pub/boutell/gd/gd-1.7.3.tar.gz
libpng 1.05	ftp://ftp.cdrom.com/pub/png/src/libpng-1.0.5.tar.gz
zlib 1.1.3	ftp://ftp.cdrom.com/pub/infozip/zlib/zlib.tar.gz

For QA Metadata Update Tool and other Sybase work,

DBI 1.13	www.perl.com/CPAN-local/modules/by-module/DBI
DBD::Sybase 0.21	www.perl.com/CPAN-local/authors/Michael_Peppler/DBD-Sybase-0.21.tar.gz

All of the above files, together with README files, are located in /home/lswentek/perl. A single readme file, titled EcMsWzWhazzupPerlBuild_tools.txt describes how to build all of the modules required for Whazzup under /tools. Generic readme files are provided for DBI and DBD::Sybase.

Files are delivered to CM as perlmods.tar with checksum 156717257.

CM01AJA00